(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 11 April 2002 (11.04.2002)

PCT

(10) International Publication Number WO 02/28196 A3

(51) International Patent Classification⁷: A23K 1/16

A23J 1/16,

English

(21) International Application Number: PCT/IB01/01822

(22) International Filing Date: 3 October 2001 (03.10.2001)

(25) Filing Language:

(26) Publication Language: English

(30) Priority Data:

2000/5371 3 October 2000 (03.10.2000) Z

(71) Applicant (for all designated States except US): AECI LIMITED [ZA/ZA]; First Floor, AECI Place, 24 the Woodlands, Woodlands Drive, Woodmead, 2128 Sandton (ZA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): VAN WALSEM, Hendrik, Johan [ZA/US]; 303 Third Street, Cambridge, MA 02142-1126 (US). SASKA, Michael [US/US]; 4735 Hyacinth Avenue, Baton Rouge, CA 70808 (US).

(74) Agents: DYER, Alison, Margaret et al.; Spoor and Fisher, P.O. Box 41312, 2024 Craighall (ZA).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 13 June 2002

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

02/28196 A3

(54) Title: MODIFIED CORN STEEP LIQUOR PRODUCT

INTERNATIONAL SEARCH REPORT

International Application No PCT/IB 01/01822

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A23J1/16 A23K A23K1/16 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED $\begin{array}{ccc} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ \text{IPC 7} & \text{A23J} & \text{A23K} \end{array}$ Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data, BIOSIS, FSTA C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages 1,5,6,9 EP 0 041 894 A (ROQUETTE FRERES) Α 16 December 1981 (1981-12-16) page 6, line 25 -page 7, line 8; claims; examples; table 2 1,5 PATENT ABSTRACTS OF JAPAN Α vol. 1998, no. 08, 30 June 1998 (1998-06-30) & JP 10 075795 A (OJI KOONSUTAAC KK), 24 March 1998 (1998-03-24) abstract -/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "A" document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cocurnent of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *O* document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 04/04/2002 15 March 2002 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl. Fax: (+31–70) 340–3016 Grittern, A

1

INTERNATIONAL SEARCH REPORT

nternational Application No PCT/IB 01/01822

		101/18 01/01822				
C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Category Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.						
Category °	Спатюл от document, with indication, where appropriate, of the relevant passages	neevan to can ino.				
A	DATABASE WPI Section Ch, Week 200048 Derwent Publications Ltd., London, GB; Class D13, AN 2000-526587 XP002193269 & JP 11 266846 A (MORINAGA & CO LTD), 5 October 1999 (1999-10-05) abstract	1,5				
A	GB 740 205 A (CORN PROD REFINING CO) 9 November 1955 (1955-11-09) the whole document					

INTERNATIONAL SEARCH REPORT

Information on patent family members

nternational Application No PCT/IB 01/01822

Patent document cited in search report		Publication date	Patent family member(s)		Publication date	
EP 0041894	A	16-12-1981	FR AT DE DK EP	2483749 A1 6189 T 3162259 D1 244481 A ,B, 0041894 A1	11-12-1981 15-03-1984 22-03-1984 07-12-1981 16-12-1981	
JP 10075795	Α	24-03-1998	NONE			
JP 11266846	Α	05-10-1999	NONE			
GB 740205	Α	09-11-1955	NONE			